

Abstract of the Disclosure

A compact fluid dispenser for use in controllably dispensing fluid medicaments, such as antibiotics, oncolytics, hormones, steroids, blood clotting agents, analgesics, and like medicinal agents from prefilled containers at a uniform rate. The dispenser uniquely includes a stored energy source that is provided in the form of a substantially constant-force, compressible-expandable wave spring that provides the force necessary to continuously and uniformly expel fluid from the device reservoir. The device further includes a fluid flow control assembly that precisely controls the flow of medicament solution to the patient. Additionally, the device includes a novel modulating assembly for controllably modulating the force exerted by the wave spring tending to expel the fluid from the device reservoir.